

Pella® Impervia® FIBERGLASS



The strongest most durable material available for windows and doors.¹

Casement



- **100X MORE IMPACT RESISTANT²**
Pella Impervia products are made from our patented Duracast® material and are on average 100x more impact-resistant than a leading composite product.²
- **SUPERIOR PERFORMANCE**
Our patented Duracast® material was designed to withstand extreme heat, subzero cold and the rigorous performance requirements of a commercial building – a great solution for almost any project.³
- **RESISTS FADING AND SCRATCHING**
Our long-lasting powder-coat finish resists chalking, fading and scratching, and keeps your modern style windows looking great for years. Available in five colors.
- **SLIM SIGHTLINES, MORE GLASS**
Intentionally designed products made with exceptionally strong fiberglass, allow you to create bold designs with slim profiles and more visible glass.
- **EXCEPTIONAL MULLING CAPABILITIES**
The superior strength of Pella's fiberglass allows you to combine standard and special-sized windows together to create larger, unique combinations, made just for your remodel or new construction project.
- **ENERGY STAR® CERTIFIED⁴**
Pella Impervia products with dual-pane glass offer energy-efficient options that will meet or exceed ENERGY STAR guidelines in all 50 states.
- **TESTED BEYOND REQUIREMENTS**
We test beyond requirements so you can trust our products to perform. Tested from -40°F to 180°F, our patented five-layer fiberglass composite can handle some of the harshest conditions.³
- **THE CONFIDENCE OF A STRONG WARRANTY**
Backed by one of the strongest warranties in the business. See written limited warranty for details, including exceptions and limitations, at installpella.com/warranties.
- **DUAL-COLOR FRAMES**
Complement interior and exterior styling with dual-color frames. Pair a white interior with one of five exterior colors or choose a solid-color frame available in a variety of colors, including black.

AVAILABLE IN THESE WINDOW & PATIO DOOR STYLES:



Fixed and special shape windows also available.

^{1,2,3,4} See back cover for disclosures.

PRODUCT SPECIFICATIONS

WINDOW & PATIO DOOR STYLES	MIN. WIDTH	MIN. HEIGHT	MAX. WIDTH	MAX. HEIGHT	PERFORMANCE CLASS AND GRADE	PERFORMANCE VALUES			FRAME / INSTALL
						U-FACTOR	SHGC	STC	
VENT AWNING	20"	17-½"	53-½"	29-½"	LC50	0.24-0.46	0.18-0.55	25-32	Block Frame Standard Fin Off-set Fin Integral Fin
FIXED AWNING	13-½"	11-½"	71-½"	79-½"	LC50	N/A	N/A	27-33	
VENT LARGE AWNING	29-½"	29-½"	59-½"	59-½"	LC30-LC50	0.24-0.47	0.18-0.55	N/A	
VENT CASEMENT	17-½"	20"	37-½"	79-½"	LC40-LC50	0.26-0.45	0.18-0.55	25-32	
FIXED CASEMENT	13-½"	11-½"	71-½"	79-½"	LC45-LC50	0.22-0.48	0.20-0.62	27-33	
VENT DOUBLE-HUNG	17-½"	29-½"	47-½"	79-½"	LC30-LC50	0.25-0.49	0.19-0.58	26-29	
VENT SINGLE-HUNG	17-½"	23-½"	47-½"	79-½"	LC40-LC50	0.24-0.51	0.19-0.59	26-32	Block Frame Standard Fin Off-set Fin Integral Fin Flush Flange
SLIDING WINDOW (OX, XO)	23-½"	11-½"	71-½"	71-½"	LC30-LC50	0.25-0.50	0.19-0.59	26-33	
SLIDING WINDOW (XOX)	47-½"	17-½"	107-½"	71-½"	LC30-LC50	0.25-0.50	0.19-0.59	26-32	
FIXED SLIDING WINDOW	23-½"	11-½"	71-½"	59-½"	LC30-LC50	0.25-0.50	0.19-0.59	26-33	
FIXED FRAME DIRECT SET	11-½"	11-½"	112"	112"	CW50	0.21-0.46	0.20-0.69	28-37	Block Frame Standard Fin Off-set Fin
FIXED SASH AND FRAME	13-½"	13-½"	71-½"	71-½"	CW35-CW50	0.22-0.50	0.20-0.62	27-33	
SLIDING PATIO DOOR (ONE PANEL)	27"	71-1/2"	49-1/2"	95-1/2"	LC30-LC50	0.25-0.48	0.19-0.61	27-32	Block Frame
SLIDING PATIO DOOR (TWO PANEL)	47-½"	71-½"	95-½"	95-½"	LC30-LC50	0.25-0.48	0.19-0.61	27-32	

WINDOW SIZES AVAILABLE IN 1/8" INCREMENTS

Maximum square footage rules apply. Maximum width and height cannot exceed the maximum square footage. Special shapes available. Visit PellaADM.com for specific sizes and glazings tested and for more information regarding frame and installation types.

WINDOW HARDWARE

CASEMENT & AWNING

Folds neatly out of the way so it won't interfere with roomside window treatments.



FOLD-AWAY
CRANK

COLOR-MATCHED FINISHES:



ADDITIONAL FINISHES:



SLIDING, SINGLE- & DOUBLE-HUNG

Pella's cam-action locks pull the sashes against the weatherstripping for a tighter seal.

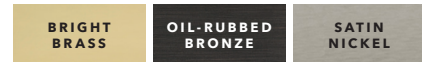


CAM-ACTION
LOCK

COLOR-MATCHED FINISHES:



ADDITIONAL FINISHES:



PATIO DOOR HARDWARE

SLIDING PATIO DOOR

Open and close the door with one hand with a convenient thumblock.

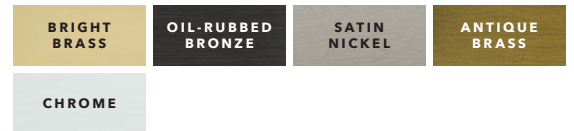


SLIDING PATIO
DOOR HANDLE

COLOR-MATCHED FINISHES:



ADDITIONAL FINISHES:



FOOTBOLT

A footbolt comes standard on all sliding patio doors and can hold the door open about three inches for ventilation.

COLORS & FINISHES

FRAME COLORS

Pella Impervia windows and patio doors feature a low-maintenance, durable powder-coat paint finish. Dual-color frames allow you to choose a different color for the exterior.

SOLID-COLOR:



DUAL-COLOR FRAMES:



WHITE INTERIOR WITH TAN EXTERIOR



WHITE INTERIOR WITH MORNING SKY GRAY EXTERIOR



WHITE INTERIOR WITH BROWN EXTERIOR

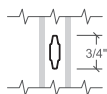


WHITE INTERIOR WITH BLACK EXTERIOR

GRILLES

GRILLES

Grilles are color-matched to your window or patio door interior and exterior frame color.⁵



ALUMINUM GRILLES-BETWEEN-THE-GLASS
3/4"

¹ In testing performed in accordance with ASTM testing standards, Pella's Duracast has displayed superior performance in strength, ability to withstand extreme heat and cold, and resistance to dents and scratches. Special shape windows are made from a non-Duracast fiberglass composite.

² Impact testing performance based on testing 10 samples of each material using ASTM D256, Method C.

³ Pella Impervia windows and patio doors have a performance grade of LC or higher. For information on product ratings see installpella.com/performance.

⁴ Pella products may not meet ENERGY STAR guidelines in Canada. For more information, contact your local Pella sales representative or go to energystar.gc.ca.

⁵ Appearance of exterior grille color may vary depending on the Low-E insulating glass selection.